

Title (en)
Non-halogenated flame-retarded covered wire

Title (de)
Halogenfreier, flammhemmender umhüllter Draht

Title (fr)
Fil résistant gainé ignifugé non-halogéné

Publication
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Application
EP 99122325 A 19991109

Priority
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Abstract (en)
A non-halogenated flame-retarded covered wire is provided which includes a conductor and an insulating cover layer consisting of a first layer directly put into contact with the conductor and a second layer arranged outside the first layer, wherein the first layer is made of a flame-retarded polyolefin composition with Shore D hardness of under 60 and Oxygen Index of 24% and over, the second layer is made of a polyolefin composition with Shore D hardness of 60 and over, and thicknesses of the first and second layers are 30 μ m and over and between 65 μ m and 150 μ m, respectively. Thus, a non-halogenated flame-retarded covered wire, which is lightweight and is capable of diameter-reducing and wherein all of abrasion resistance, flame retardance, oil resistance, and bending resistance can be satisfied as a thin layer covered wire for motor vehicle use, can be realized. <IMAGE>

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IPC 8 full level
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Cited by
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